IEEE TRANSACTIONS ON RADIATION AND PLASMA MEDICAL SCIENCES

January 2025

VOLUME 9

NUMBER 1

(ISSN 2469-7311)

Features in This Issue



An FPGA-Based 64-Channel Readout Electronics for High-Resolution TOF-PET Detectors

by Xiang Zhang, Yonggang Wang, Mingchen Wang, and Xiaoguang Kong

ITRPFI



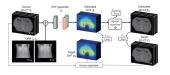
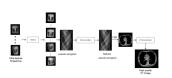


Image-to-Volume Deformable Registration by Learning Displacement Vector Fields

by Ryuto Miura, Mitsuhiro Nakamura, and Megumi Nakao

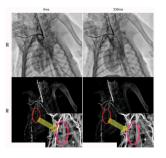




XGenRecon: A New Perspective in Ultrasparse Volumetric CBCT Reconstruction Through Geometry-Controlled X-Ray Projection Generation

by Chulong Zhang, Yaoqin Xie, and Xiaokun Liang

Read More



Semi-Stationary Multisource AI-Powered Real-Time Tomography

by Weiwen Wu, Yaohui Tang, Tianling Lv, Wenxiang Cong, Chuang Niu, and Cheng Wang

Read More

